Application Number		10724301
Filing Date		2003-11-26
First Named Inventor	ENEN	IKEL, Barbara
Art Unit		1652
Examiner Name	Walic	ka, M.A.
Attorney Docket Numb	er	1/1411
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	6	0034318	wo	A1	2000-06-15	Clontech Laboratories, Inc.		
	5	9715664	WO	A1	1997-03-01	Anmelder Erfinder et al.		
	4	9405785	WO	A1	1994-03-17	Anmelder Erfinder et al.		
	3	0393438	EP	A2	1990-10-24	Boehringer Ingelheim International GMBH		
	2	9428143	wo	A1	1994-12-08	Targeted Genetics Corporation		

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1	STEPHEN F. ALTSCHUL ET AL; Gapped Blast and PSI-Blast: A New Generation of Protein Database Search Programs; Nucleic Acids Research (1997) Vol. 25 No. 17 pages 3389-3402; Oxford University Press.	
2	STEPHEN F. ALTSCHUL ET AL; Basic Local Alignment Search Tool; Journal of Molecular Biology (1990) Vol. 215 No. 3 pages 403-410; Academic Press Limited.	
3	WARREN GISH ET AL; Identification of Protein Coding Regions by Database Similarity Search; Nature Genetics (1993) Vol. 3 pages 266-272; Nature Publishing Group.	
4	MANFRED GOSSEN ET AL; Inducible Gene Expression Systems for Higher Eukaryotic Cells; Current Opinion in Biotechnology (1994) Vol. 5 pages 516-520; Current Biology Ltd.	
5	MOGENS DUCH ET AL; Determination of Transient or Stable Neo Expression Levels in Mammalian Cells; Gene (1990) Vol. 95 pages 285-288; Elsevier Science Publishers B.V.	
6	SHI-ZHEN HU ET AL; Minibody: A Novel Engineered Anti-Carcinoembryonic Antigen Antibody Fragment (Single-Chain Fv-CH3) which Exhibits Rapid, High-Level Targeting of Xenografts; Cancer Research (1996) Vol. 56 pages 3055-3061.	
7	JAMES S. HUSTON ET AL; Protein Engineering of Antibody Binding Sites: Recovery of Specific Activity in an Anti- Digoxin Single-Chain Fv Analogue Produced in Excherichia Coli; Proceedings of the National Academy of Sciences of the United States of America (1988) Vol. 85 pages 5879-5883.	
8	ALEXANDER A. KORTT ET AL; Single-Chain Fv Fragments of Anti-Neuraminidase Antibody NC10 Containing Five- and Ten-Residue Linkers Form Dimers and with Zero-Residue Linker a Trimer; Protein Engineering (1997) Vol. 10 No. 4 pages 423-433.	
9	BRETT LOVEJOY ET AL; crystal structure of a Synthetic Triple-Stranded Helical Bundle; Research Article (1993) Vol. 259 pages 1288-1293.	
10	THOMAS L. MADDEN ET AL; Applications of Network Blast Server; Methods in Enzymology (1996) Vol. 266 pages 131-141.	
11	YASUMI OHSHIMA ET AL; Signals for the Selection of a Splice in Pre-mRNA Computer Analysis of Splice Junction Sequences and Like Sequences; Journal Molecular Biology (1987) Vol. 195 pages 247-259.	

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12	PETER PACK ET AL; Tetravalent Miniantibodies with High Avidity Assembling in Escherichia Coli; Journal Molecular Biology (1995) Vol. 246 pages 28-34; Academic Press Limited.	
13	OLGA PERISIC ET AL; Crystal Structure of a Diabody, a Bivalent Antibody Fragment; Structure (1994) Vol. 2 pages 1217-1226; Current Biology Ltd.	
14	STEVEN G. PLATT ET AL; Dot Assay for Neomycin Phosphotransferase Activity in Crude Cell Extracts; Analytical Biochemistry (1987) Vol. 162 pages 529-535; Academic Press, Inc.	
15	CHRISTIAN C. SIMONSEN ET AL; Isolation and Expression of an Altered Mouse Dihydrofolate Reductase cDNA; Proceedings of the National Academy of Sciences of the United States of America (1983) Vol. 80 pages 2495-2499.	
16	TEIZO YOSHIMURA ET AL; Human Monocyte Chemoattractan Protein-1 (MCP-1): Full-Length cDNA Cloning, Expression in Mitogen-Stimulated Blood Mononuclear Leukocytes, and sequence Similarity to Mouse Competence Gene JE; Febs Letters (1989) Vol. 244 No. 2 pages 487-493; Elsevier Science Publishers B.V.	
17	M. WIGLER ET AL; Transformation of Mammalian Cells with an Amplifiable Dominant-Acting Gene; Proceedings of the National Academy of Sciences of the United States of America (1980) Vol. 77 No. 6 pages 3567-3570.	
18	STEFFEN FAISST ET AL; Compilation of Vertebrate-Encoded Transcription Factors; Nucleic Acids Research (1992) Vol. 20 No. 1 pages 3-26; Oxford University Press.	
19	PETER PACK ET AL; Improved Bivalent Miniantibodies, with identical Avidity as whole Antibodies, Produced by High Cell Density Fermentation of Escherichia Coli; Bio/Technology (1993) Vol. 11 pages 1271- 1277; Nature Publishing Group.	
20	JINGHUI ZHANG ET AL; PowerBLAST: A New Network BLAST Application for Interactive or Automated Sequence Analysis and Annotation; Genome Research (1997) Vol. 7 pages 649-656; Cold Spring Harbor Laboratory Press.	
21	DANIEL A HABER ET AL; Chromosome-Mediated Transfer and Amplification of an Altered Mouse Dihydrofolate Reductase Gene; Somatic Cell Genetics (1982) Vol. 8 No. 4 pages 499-508; Plenum Publishing Corporation.	
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